(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. XA-9517

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TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

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Īrans	mitted	l here	with for	filing under	35 U.S	.C. 111(a)	and 37 C.F.R. 1.53	(b) is a new utility patent a	pplication for an
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<u>⊭</u> 2.	. 🗵	Spe	cificatio	n having _		18	pages and i	including the following:	
	a.	X	Descri	ptive Title o	f the Inv	ention		·	
	b.		Cross	References	to Rela	ted Applica	ations (if applicable))	
	C.		Staten	nent Regard	ing Fed	erally-spon	sored Research/De	evelopment (if applicable)	
	d.		Refere	ence to Micr	ofiche A	ppendix <i>(if</i>	applicable)		
	е.	×	Backg	round of the	Inventi	on			
	f.	X	Brief S	Summary of	the Inve	ention			
	g.	X	Brief D	escription o	of the Dr	awings (if o	drawings filed)		
	h.	X	Detaile	ed Descripti	on				
	i.	X	Claim((s) as Class	fied Bel	ow			
	j.	X	Abstra	ct of the Dis	closure				

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3. ☑ Drawing(s) (when necessary as prescribed by 35 USC 113) a. ☑ Formal Number of Sheets 7 (Figs. 1-13) b. ☐ Informal Number of Sheets 7 (Figs. 1-13) b. ☐ Informal Number of Sheets 7 (Figs. 1-13) c. ☑ Oath or Declaration a. ☑ Newly executed (original or copy) ☐ Unexecuted b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. ☑ With Power of Attorney ☐ Without Power of Attorney d. ☐ DELETION OF INVENTOR(s) Signed statement statched deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). ☐ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. ☐ Computer Program in Microfiche (Appendix) ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. ☐ Paper Copy b. ☐ Computer Readable Copy (identical to computer copy) c. ☐ Statement Verifying Identical Paper and Computer Readable Copy Accompanying Application Parts 8. ☒ Assignment Papers (cover sheet & document(s)) 9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee) 10. ☐ English Translation Document (if applicable) 11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations 12. ☒ Preliminary Amendment 13. ☒ Acknowledgment postcard 14. ☐ Certificate of Mailing ☐ First Class ☐ Express Mail (Specify Label No.):				Α	pplication Eleme	nts (Co	ontinued)		İ			
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Docket No. XA-9517

Total Pages in this Submission

Accompanying Application Parts (Continued)

16.		ied copy attached). Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
0		Warning
## C \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
18.	ASS	IGNEE INFORMATION:
	Ass	ignee: NSK Ltd.

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Docket No. XA-9517

Total Pages in this Submission

Fee Calculation and Transmittal

		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
etal Claims	7	- 20 =	0	×	\$18.00	\$0.00
idep. Claims	2	- 3 =	0	x	\$80.00	\$0.00
☐ Multiple Dependent Claims (check if applicable) □						
					BASIC FEE	\$710.00
OTHER FEE (specif	y purpose)	A	Assigment Re	cordation	n Fee	\$40.00
					TOTAL FILING FEE	\$750.00
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	he issue fee s to 37 C.F.R.		8 at the mail	ing of the	e Notice of Allowance,	

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